

ANGIOSPERM FLORA OF SAMBARU KONDA OF GUEDEM,
VISAKHAPATNAM DISTRICT

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INTRODUCTION

Sambaru Konda a huge range in Gudem Agency is located along with the Eastern Ghats in Visakhapatnam District of Andhra Pradesh, India (long. $81^{\circ}30'$ - $82^{\circ}15'$ E and lat. $17^{\circ}15'$ - 18° N). The forest is occupied by the tribel people. The general rainfall for the area as a whole ranges between 45"-55". Sambaru Konda and the surrounding hill ranges constituting chiefly of crystalline metamorphic rocks. The hill throughout the region under study are covered with dense flora and characteristic barren top where mostly grasses and a few herbs grow. Lushington visited a part of the Garden area of the Visakhapatnam District and collected a few specimens in early of this century. A part of it and the surrounding tract were next visited by Narayanaswami of the Botanical Survey of India in 1920 and then in 1949. Later in 1958 Seshagiri Rao studied the Rampa and a part of Garden Agency tracts in detail.

ENUMERATION OF SPECIES

The identification of plant materials collected were made with the help of 'Flora of Madras Presidency' and later verified by the Botanical Survey of India.

ACANTHACEAE: Acanthus ilicifolius, Linn.; Adhatoda vasica, Nees; Strobilanthes circarensis, Gamble.

ACERACEAE: Acer oblongum, Wall.

ANACARDIACEAE: Buchanania lanzan, Spreng; Mangifera indica, Linn; Spondias mangifera, Willd.

ANONACEAE: Anona squamosa, Linn.; Anona reticulata, Linn.; Saccopetalum tomentosum, Hook.

APOCYNACEAE: Alstonia scholaris, R. Br.; Carissa carandas, Linn.; Carissa spinarum, Linn; Holarrhena antidy-senterica, Wall.; Ichnocarpus frutescens, R.Br.

ARISTOLOCHIACEAE: Aristolochia indica, Linn.

ASCLEPIADACEAE: Hemidesmus indicus, R.Br.; Leptadenia reticulata, L.

BIGNONIACEAE: Dolichandrone falcata, Seem; Oroxylum indicum, Vent.

BIXACEAE: Cochlospermum religiosum, Linn.; Flacourtia Ramontchi, L.; Flacourtia sepiaria, Roxb.

BORAGINACEAE: Cordia obliqua, Willd.

CAESALPINIACEAE: Bauhinia purpurea, Linn.; Bauhinia racemosa, Lamk.; Bauhinia variegata, Linn.; Caesalpinia digyna, Rottl.; Cassia fistula, Linn.; Cassia siamea, Lamkl; Cassia tora, Linn.; Hardwickia binata, Roxb.

CAPPARIDACEAE: Capparis stylosa, DC.; Crataeva religiosa, Forst.

CELASTRACEAE: Celastrus paniculata, Willd.; Elaeodendron glaucum, Pers.; Gymnosporia montana, Benth; Pleurostylia wightii, W & A.

COMBRETACEAE: Anogeissus acuminata, Wall.; Combretum decandrum, Roxb.; Terminalia Arjuna, W & A.; Terminalia bellerica, Roxb.; Terminalia chebula, Retz.

DIOSCOREACEAE: Dioscorea esculenta, Burk.; Dioscorea pentaphylla, Linn.;

DROSERACEAE: Drosera burmanni, Vahl.

EBENACEAE: Diospyros chloroxylon, Roxb.; Diospyros melanoxylon, Roxb.; Diospyros microphylla, Bedd.; Diospyros montana, Roxb.

EUPHORBACEAE: Bioschopia javanica, Bridelia tomentosa, Blume.; Cleistanthus collinus, Benth.; Euphorbia tirucelli, Linn.; Fluggea leucopyrus, Willd.; Givotia rottleriformis, Griff.; Mallotus philippinensis, Muell.; Trewia nudiflora, Linn.

HERNANDIACEAE: Gyrocarpus americanus, Jacq.

LECYTHIDACEAE: Barringtonia acutangula, Gaertn.; Careya arborea, Roxb.

LILIACEAE: Aloe vera, Linn.; Smilax zeylanica, Linn.

LINACEAE: Erythroxylon monogynum, Roxb.; Hugonia mystax, Linn.

LOGANIACEAE: Strychnos Nux-vomica, Linn.; Strychnos potatorum, Linn.

LYTHRACEAE: Lawsonia inermis, Linn.; Woodfordia fruticosa Kurz.

MELIACEAE: Amoora Rohituka, W & A.; Cedrela toona, Roxb.; Cipadessa fruticosa, Bl.; Chukrasia taberlaris, ADR. Juss.; Soyimida febrifuga ADR. Juss.

MERISPERMACEAE: Tinospora cardifolia, Miers.; Cyclea peltata Diels.

MIMOSACEAE: Acacia ferruginea, DC.; Acacia pennata, Willd.; Acacia sundra, DC.; Albizia odorattissima, Benth.; Albizia marginata, Merr.; Mimosa rubicaulis, Lamk.; Ficus glomerata, Roxb.; Ficus hispida, Linn.; Ficus retusa, Linn.; Ficus tsiela, Roxb.; Streblus asper, Hour.

PAPILIONACEAE: Dalbergia latifolia, Roxb.; Dalbergia paniculata, Roxb.; Dalbergia sissoo, Roxb.; Dalbergia spinosa, Roxb.; Flemingia chappar, Ham.; Indigofera pulchella, Roxb.; Mundulea suberosa, Benth.; Mucuna prurita, Hook.; Pterocarpus marsupium, Roxb.

RHAMNACEAE: Ventilago maderaspatana, Gaertn.; Zizyphus ocnoplia, Mill.; Zizyphus xylopyrus, Willd.

RUBIACEAE: Coffea arabica, Linn.; Gardenia lucida, Roxb.; Hymenodictyon excelsum, Wall.; Mitragyna parvifolia, Korth.; Pavetta inica, Linn.; Randia dumetorum, Lamk.

RUTACEAE: Glycosmis pentaphylla, Correa.; Limonia crenulata, Roxb.; Murraya konigii, Spreng.

STERCULIACEAE: Helicteres isora, Linn.; Sterculia urens, Roxb.; Pterospermum acerifolium, Willd.

TILIACEAE: Grewia asiatica, Linn.; Grewia pilosa, Lam.; Grewia hirsuta, Vahl.; Grewia laevigata, Vahl.

VERBENACEAE: Clerodendrum canosulum, Bak.; Lantana trifolia, Linn.; Premna hispida, Benth.

ZYGOPHYLLACEAE: Tribulus terrestris, Linn.; Seetzenia orientalis, Dcne.

REFERENCES

- Gamble, J.S. 1886. Indian Forester 12: 299.
Gamble, J.S. 1918. Flora of the Presidency of Madras, B.S.I. Calcutta (Reprinted 1967).
Seshagiri Rao, R. 1958. J. Bombay Nat. Soc. 55: 449.